

Claims

1. A method for the laser machining of coated sheets, in which, on at least one side of at least one sheet, at least one topographical change protruding from the surface is generated by means of the laser, the laser beam being directed onto the surface by means of a scanner device, characterized

- in that the laser beam generates the at least one topographical change on that side of the at least one sheet which faces away from said beam, by melting through this sheet in the region of its machining area, and/or
- in that the laser beam describes about the center of its machining area a narrowing spiral.

2. The method as claimed in claim 1, characterized in that the laser beam is not focused upon the surface.

3. The method as claimed in one of the preceding claims, characterized in that at least one further sheet is brought into contact with the at least one coated sheet in such a way that the at least one protruding topographical change causes the formation of at least one gap between the at least two sheets, and in that the at least two sheets, in the region of the at least one gap, are welded together in such a way that vaporization products formed in the process can escape into the at least one gap.

4. The method as claimed in claim 3, characterized in that the at least two sheets are welded together in such a way that the resultant weld seam at least partially replaces the at least one topographical change previously generated.